

4-Hydroxy-1-naphthalenesulfonic acid monosodium salt  
6099-57-6 | DTXSID6064113

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	0.69	0.86	0.67	0.86	0.78

## Model Results

**Predicted value:** -0.524

**Global applicability domain:** Inside

**Local applicability domain index:** 5.66e-01

**Confidence level:** 5.22e-01

## Nearest Neighbors from the Training Set

Image not found

1-Naphthalenesulfonic acid, 5-hydroxy-

**Measured:** -0.170

**Predicted:** -0.435

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2-Naphthalenesulfonic acid, 4-hydroxy-

**Measured:** -0.180

**Predicted:** -0.443

Image not found

1-Naphthalenesulfonic acid, 4-hydroxy-

**Measured:** -0.440

**Predicted:** -0.460

Image not found

4-Amino-1-naphthalenesulfonic acid sodium salt

**Measured:** -2.34

**Predicted:** -1.01

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[3-(Methanesulfonyl)phenyl]acetic acid

**Measured:** 0.06

**Predicted:** 5.04e-01